





VU TUAN HUNG

INTERN BACK-END DEVELOPER

 03/12/2002

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EDUCATION

BANKING ACADEMY | *Major: International Business* (10/2020 - Present)

CERTIFICATE

TOEIC: 670 Points | *English Communication and Reading Skills* (01/2024 - 01/2026)

SKILLS

- Node.JS (NestJs, ExpressJs)
- Database: NoSQL (MongoDB)
- TypeScript, JavaScript, Java
- Tools: Swagger, Git, Postman

PERSONAL PROJECTS

TopJobs Website | *NestJs, JWT, Typescript, MongoDB (mongoose)* (04/2024 - Present)

- Description: Developed a recruitment and job application website using the NestJs framework with a stateless architecture, weekly email notifications, and role-based access control for Admins, HR, and applicants.
- Key features include:
 - + Authentication: User authentication via JWT (AccessToken, RefreshToken).
 - + Authorization: Role and permission-based access control for Admin, HR, and applicants to specific routes.
 - + Mailer Server: Automatically sends job emails to applicants with matching skills on a weekly basis.
 - + Throttle usage: Limiting the number of login endpoint reloads (only 10 reloads per 60 seconds).
 - + Image Upload: Validates and creates file paths using the Multer library.
 - + Security: Enhances website security with the Helmet library.
 - + Swagger UI: Provides API documentation with Swagger UI.
- Team Size: 1 (Self-learning project) - Source code management with GitHub.
- GitHub Link: <https://github.com/lhung0312/TopJobs.git>

Task Management | *ExpressJs, PassportJs, Express-Session, MongoDB* (02/2024 - 05/2024)

- Description: Developed a task management application for company employees using the ExpressJs framework with a stateful (session) architecture.
- Key features include:
 - + Local Strategy Authentication: Verifies username and password.
 - + Session Management: Manages sessions with Express-Session (expires after 5 minutes of inactivity).
 - + Pagination and Filtering: Implements pagination, filtering, and data population with api-query-params.
 - + User Validation: Validates user input using the Joi library.
 - + Date Handling: Uses the Day.js library to validate startDate and endDate for tasks and projects.
 - + Password Encryption: Encrypts passwords with the Bcrypt library.
- Team Size: 1 (Self-learning project) - Source code management with GitHub.
- GitHub Link: https://github.com/lhung0312/Task_Management-project.git